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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Max Donath

Appln. No. : 10/091,182

Filed : March 5, 2002

For : REAL TIME HIGH ACCURACY  
GEOSPATIAL DATABASE FOR  
ONBOARD INTELLIGENT VEHICLE

Docket No.: U11.12-0145

Group Art Unit: 3661

Examiner: Eric M.  
Gibson

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

<sup>74</sup>  
13 DAY OF April, 2004.

PATENT ATTORNEY

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of US Patents and Publications.

**TIME OF FILING**

The information disclosure statement is being filed:

1. \_\_\_\_\_ with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2.   x   after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A.   x   a statement as specified in 37 C.F.R. § 1.97(e).
- B.        the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3.        after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
  - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

**STATEMENT**

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

       that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

  x   that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

☒ No fee is required.

☐ Attached is a check in the amount of \$\_\_\_\_\_.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.


Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

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Fax: (612) 334-3312

BDK/djb

FORM PTO-1449	Atty. Docket No.: U11.12-0145	Appl. No.: 10/091,182
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>	First Named Inventor:	
	Max Donath	
	Filing Date	Group Art:
	March 5, 2002	3661

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	5,966,132	10/12/99	Kakizawa et al.	345	419	
AB	6,361,321	3/26/02	Huston et al.	434	69	
AC						
AD						
AE						
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AL						
AM						
AN						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Course Notes, "Programming with Open GL: Advanced Techniques," 24 <sup>th</sup> International Conference on Computer Graphics and Interactive Techniques, pp. 1-3, 83-102, 1997
AP	Office Communication for Application No. 09/968,724, filing date of October 1, 2001, date mailed March 29, 2004
AQ	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 1 of 1

PATENT FORM PTO-1449

Atty. Docket No.:  
U11.12-0143Appl. No.:  
09/968,724LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

First Named Inventor:

Max Donath et al.

Filing Date

Group Art:

October 1, 2001

2671 ~~2673~~

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>2</i> AA	5,414,439	5/9/95	Groves et al.	345	7	
<i>3</i> AB	6,486,856	11/26/02	Zink	345	7	
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

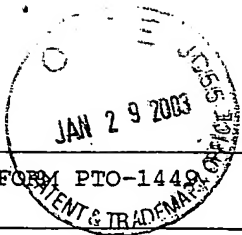
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DATE CONSIDERED:

3/20/04

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FORM PTO-1449	Atty. Docket No.: U11.12-0143	Appl. No.: 09/968,724
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Max Donath et al.	
	Filing Date:	Group Art:
	October 1, 2001	<del>2671</del> 2673

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
2	AA	5,414,439	5/9/95	Groves et al.	345	7
3	AB	6,486,856	11/26/02	Zink	345	7
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## FOREIGN PATENT DOCUMENTS

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FORM PTO-1449	Atty. Docket No.: U11.12-0143	Appl. No.: 09/968,724
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>	First Named Inventor:	
	Max Donath et al.	
	Filing Date	Group Art:
	October 1, 2001	267/ 2673

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
3	AA	5,214,757	05/25/93	Mauney et al.	395	161
	AB					
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
3	AL	WO 01/11388 A1	15.02.01	PCT		
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 1 of 1

FORM PTO-1449

Atty. Docket No.:  
U11.12-0143Appl. No.:  
09/968,724LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

First Named Inventor:

Max Donath et al.

Filing Date

Group Art:

October 1, 2001

267/-2673

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
2	AA	6,370,475	4/9/02	Breed et al.	701	301
2	AB	6,405,132	6/11/02	Breed et al.	701	301
2	AC	6,526,352	2/25/03	Breed et al.	701	213
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
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3/20/04

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JAN 07 2004  
PATENT & TRADEMARK OFFICE

FORM PTO-1449	Atty. Docket No.: U11.12-0143	Appl. No.: 09/968,724
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Max Donath et al.	
	Filing Date	Group Art:
	October 1, 2001	267/ 2672

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
3	AA	4,120,566	10/17/78	Sanci et al.	350	302
3	AB	5,414,439	5/9/95	Groves et al.	345	7
3	AC	6,226,389	5/1/01	Lemelson et al.	382	104
3	AD	6,272,431	8/7/01	Zamojdo et al.	701	211
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AL					
	AM					
	AN					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

3	AO	Office Communication for Application No. 09/618,613 with a filing date of July 18, 2000, dated December 12, 2003
	AP	
	AQ	

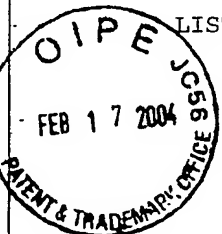
EXAMINER:

*Chris Parker*

DATE CONSIDERED:

3/20/04

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FORM PTO-1449	Atty. Docket No.: U11.12-0143	Appl. No.: 09/968,724
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>	First Named Inventor:	
	Max Donath et al.	
	Filing Date	Group Art:
	October 1, 2001	2671, 2672

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
3	AA	5,734,358	3/31/98	Sumiyoshi	345	7
3	AB	6,218,934	4/17/01	Regan	340	438
	AC					
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AL					
	AM					
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

3	AO	Office Communication from Application No. 09/618,613 filed July 18, 2000. Date of Office Communication February 6, 2004.
	AP	
	AQ	

EXAMINER:

DATE CONSIDERED:

3/20/04

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Sheet 1 of 1

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Max Donath et al.	
	Filing Date	Group Art:
	October 1, 2001	267/2673

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
3	AA	5,381,338	1/10/95	Wysocki et al.	364	449
3	AB	5,765,116	6/9/98	Wilson-Jones et al.	701	41
3	AC	5,826,212	10/20/98	Nagai	701	208
3	AD	5,949,331	9/7/99	Schofield et al.	340	461
3	AE	6,038,496	3/14/00	Dobler et al.	701	3
3	AF	6,144,335	11/7/00	Rogers et al.	342	357.03
3	AG	6,157,342	12/5/00	Okude et al.	342	357.13
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AL					
	AM					
	AN					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

3	AO	"Development of Driving Support System for Patrol Under Poor Visibility - Evaluation of First Pilot Model -, pages 1-7, November 19, 2003				
3	AP	"See the Road Ahead," GPS - Augmented Reality Aids Drivers, November 1, 2003, by: Stephen Scott-Young, GPS World (14 pages)				
3	AQ	Office Communication dated 10/4/03 for Application No. 10/091,182, filing date 3/5/02, for First Named Inventor Max Donath				

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3/20/04

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# **Notice of References Cited**

Application/Control No.

09/968,724

Applicant(s)/Patent Under

Reexamination  
DONATH ET AL.

Examiner

Almis R Jankus

Art Unit

2671

Page 1 of 1

## **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,966,132 ✓	10-1999	Kakizawa et al.	345/419
	B	US-6,361,321 ✓	03-2002	Huston et al.	434/69
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## **FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	COURSE NOTES, "PROGRAMMING WITH OPENGL: ADVANCED TECHNIQUES" ACM SIGGRAPH 1997 pp 1-3, 83-102
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.